CLAIM AMENDMENTS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Canceled)

2. (Previously presented) The device as claimed in claim 7, further including a picture-in-picture (PIP) device which automatically displays in a PIP the program having the detected event.

3. (Canceled)

4. (Previously presented) The device as claimed in claim 7, wherein the detector is a text recognition device which scans the video information for text, and wherein the user interface includes a device which enables the user to enter as the event to be detected specific text.

5. (Canceled)

6. (Canceled)

7. (Currently amended) A device for receiving a video and/or audio signal comprising a plurality of different programs, comprising:

an input that receives the video and/or audio signal;

a user interface that receives a user input identifying an event to be detected;

a shape detector that analyzes an MPEG-4 video ~~the video and/or audio~~ signal of at least one program to detect the identified event in the program;

a selector for automatically, upon detection of the identified event, providing to a display the program containing the event; and

a memory for storing a particular length of audio and/or video information such that the program containing the identified event is delayed when supplied to the display upon detection of the event.

8. (Canceled)

9. (Previously presented) The method as claimed in claim 11, wherein the step of providing provides to a picture-in-picture (PIP) display the program containing the event.

10. (Previously presented) The method as claimed in claim 11, wherein the step of analyzing performs text recognition and scans the video signal for text, and wherein the step of receiving a user input receives text to be detected.

11. (Previously presented) A method of receiving a video and/or audio signal comprising a plurality of different programs, comprising the steps of:

receiving the video and/or audio signal;

receiving a user input identifying a shape to be detected;

analyzing the video signal of at least one program by performing shape recognition to detect the identified shape in the program;

providing to a display the program containing the identified shape upon detection of the shape; and

correcting the user input to a particular DCT coefficient pattern and wherein the step of receiving the video receives MPEG-4 video in the form of DCT coefficient patterns and the step of analyzing analyzes the DCT coefficient patterns of the MPEG-4 video to detect the particular DCT coefficient pattern.

12-15. (Canceled)

16. (Previously presented) Computer-executable process steps to detect an event in a video and/or audio signal comprising a plurality of different programs, the computer-executable process steps being stored on a computer-readable medium and comprising:

a receiving step to receive user input selecting shape;

a shape detecting step to detect in at least one program a shape that has been selected by a user wherein the shape detecting step includes MPEG-4 analysis step for analyzing patterns of DCT coefficients to detect a particular shape in the video stream of the at least one program by detecting a particular DCT coefficient pattern on MPEG-4 video signal and

an outputting step to automatically output to a display upon detection of the event the program containing the selected shape.

17. (Canceled)

18. (Previously presented) The computer-executable process steps as claimed in claim 16 wherein the analysis step includes a comparison step for comparing a user selected shape retrieved from a template of shapes defined as patterns of DCT coefficients with the patterns of DCT coefficients received in the MPEG-4 video signal.

19-22. (Canceled)

23. (Currently amended) Computer-executable process steps stored on a computer readable medium, the computer-executable process steps to detect text within a video signal including a plurality of programs, the computer-executable process steps, comprising:

a first receiving step to receive the video signal;

a decoding step to decode the video signal;

a second receiving step to receive an input from a user defining text to be detected in at least one program of the video signal;

a detecting step to detect, using text recognition steps, the user defined text in the at least one program of the video signal;

a providing step to provide ~~to~~ a picture-in-picture (PIP) display of the program having the detected text; and

a delay step to delay the program having the detected text so that display of the program captures the text.

24-27. (Canceled)